

Title (en)
ASSAY SYSTEM FOR MONITORING THE EFFECTS OF GENETICALLY ENGINEERED CELLS TO ALTER FUNCTION OF A SYNCYTIIUM

Title (de)
ASSAY-SYSTEM ZUR ÜBERWACHUNG DER WIRKUNGEN VON GENETISCH HERGESTELLTEN ZELLEN ZUR VERÄNDERUNG DER FUNKTION EINES SYNCYTIIUMS

Title (fr)
SYSTEME D'ESSAI PERMETTANT DE SUIVRE DE CELLULES TRANSFORMEES PAR GENIE GENETIQUE POUR MODIFIER LES FONCTIONS D'UN SYNCYTIIUM

Publication
EP 1781371 A4 20071219 (EN)

Application
EP 05826808 A 20050719

Priority
• US 2005025735 W 20050719
• US 58941604 P 20040719

Abstract (en)
[origin: WO2006020322A2] This invention provides methods for determining the ability of a gene construct to alter the rhythm [.]and contractility of a syncytial cell. Furthermore, this invention provides methods for constructing a gene construct capable of altering the rhythm or contractility of a syncytial cell. Finally, this invention provides a method for constructing a gene construct capable of coupling to a syncytial cell.

IPC 8 full level
G01N 33/50 (2006.01); **A61K 48/00** (2006.01); **C12N 5/06** (2006.01)

CPC (source: EP US)
G01N 33/5061 (2013.01 - EP US)

Citation (search report)
• [PX] WO 2005062958 A2 20050714 - MEDTRONIC INC [US]
• [X] WO 02098287 A2 20021212 - UNIV COLUMBIA [US], et al
• [X] US 2004137621 A1 20040715 - ROSEN MICHAEL R [US], et al
• [X] POTAPOVA I ET AL: "Human mesenchymal stem cells as a gene delivery system to create cardiac pacemakers", CIRCULATION RESEARCH, GRUNE AND STRATTON, BALTIMORE, US, vol. 94, no. 7, April 2004 (2004-04-01), pages 952 - 959, XP002988996, ISSN: 0009-7330
• See references of WO 2006020322A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
WO 2006020322 A2 20060223; WO 2006020322 A3 20060727; EP 1781371 A2 20070509; EP 1781371 A4 20071219; JP 2008506416 A 20080306; US 2010068699 A1 20100318; US 2012028241 A2 20120202; US 8192929 B2 20120605

DOCDB simple family (application)
US 2005025735 W 20050719; EP 05826808 A 20050719; JP 2007522698 A 20050719; US 79242605 A 20050719